

10-12-12

FINDING the % of a

Mental Math

100% - all of the #

Ex: 100% of 49 is 49

50% - $\frac{1}{2}$ of the #

Ex: 50% of 10 is 5

** 10% - $\frac{1}{10}$ of the #



→ ÷ by 10

→ move dec. pt. once to the left

Ex: 10% of 50 is 5

10% of 125 is 12.5

10% of 59.6 is 5.96

Calculating the % OF a

STEPS:

① Change the % to a decimal
(DIP or D2P)

Ex: $18\% = .18$

② Multiply times the #

Ex: Find 12% of 80
① ↓ ② ↓ ③ ↓

$$\begin{array}{r} .12 \times 80 \\ \times .12 \\ \hline 00 \\ + 96 \\ \hline 9.60 = 9.6 \end{array}$$

Ex: 84% of 112
↓ ↓ ↓
.84 × 112

$$\begin{array}{r} 112 \\ \times .84 \\ \hline 448 \\ + 8960 \\ \hline 94.08 \end{array}$$